

Detect DC, AC and pulse current, high insulation between primary side and the vice side circuit.

Product picture printing is for reference only, subject to the actual product

### Product application

- Metallurgy
- Welding mahine
- Inverter power
- Inverter speed controller
- UPS uninterruptible power supply

### Product features

- Light weight
- Low power consumption
- Fast response time
- Small size and beautiful appearance
- PCB mounting and easy to use



Electrical parameters:the following parameters are typical values, the actual values shall be subject to the actual measurement of the product

Rated input	±25A
Input measurement range	±37.5A
Rated supply voltage (±5%)	+5V
Rated output	2.5V±0.625V
Accuracy	1%
Linearity	0.2%
Current consumption	≤15mA+I <sub>s</sub>
Load impedance	≥10KΩ
Zero offset voltage TA=25℃	≤±15mV
Response time	≤40μs
Weight	23g
Operation temperature	-25℃~+70℃
Storage temperature	-25℃~+70℃
Band width	-
Delectric strength	2.5KV 50Hz 1min
Rated insulation voltage	500V AC

Serial number	Rated current	Measuring range	Output	Busbar short-connection
1	25	30	2.5±0.625	
2	12	14.4	2.5±0.6	
3	8	9.6	2.5±0.6	
4	6	7.2	2.5±0.6	
5	5	6	2.5±0.625	

Calculation formula:  $2.5V \pm 0.625V$

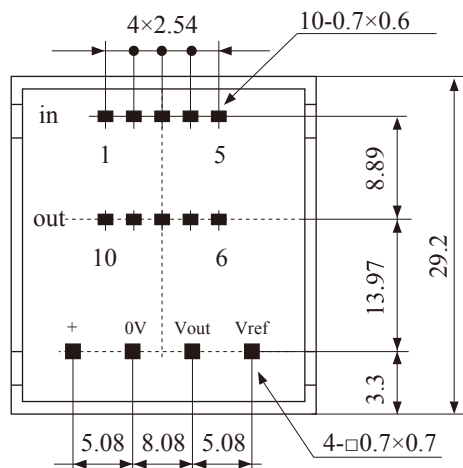
Forward direction:  $2.5 + (I/I_{PN}) * 0.625$

Reverse direction:  $2.5 - (I/I_{PN}) * 0.625$

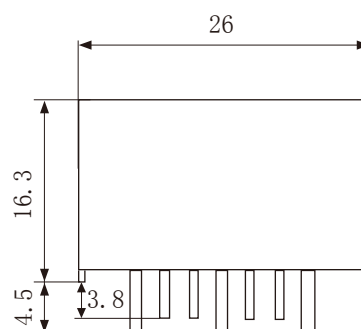
I: Actual measured current

I<sub>PN</sub>: Rated input current

### Dimensions(in mm±0.5) :



Bottom view



Front view

### Connection diagram:

